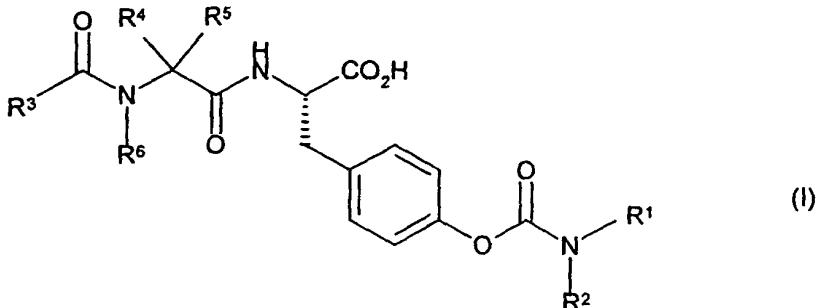


CLAIMS

1. A compound of formula I:

wherein R<sup>1</sup> and R<sup>2</sup> independently represent

5 (i) -C<sub>1-6</sub> alkyl, -C<sub>3-8</sub> cycloalkyl or -C<sub>1-3</sub> alkylC<sub>3-8</sub> cycloalkyl,  
or such a group in which alkyl or cycloalkyl is substituted by one or more halogen, -CN, nitro,  
hydroxy or -OC<sub>1-6</sub>alkyl groups;

(ii) -(CH<sub>2</sub>)<sub>e</sub>Ar<sup>1</sup> or -(CH<sub>2</sub>)<sub>e</sub>OAr<sup>1</sup>;  
or NR<sup>1</sup>R<sup>2</sup> together represent pyrrolidinyl, piperidinyl, piperazinyl, thiomorpholinyl, morpholinyl  
or azepinyl, or such a group fused to a benzene ring, optionally substituted by one or more  
-(CO)<sub>n</sub>(CH<sub>2</sub>)<sub>e</sub>Ar<sup>1</sup>, -(CO)<sub>n</sub>C<sub>1-6</sub> alkylAr<sup>1</sup>Ar<sup>2</sup>, -(CO)<sub>n</sub>C<sub>1-6</sub>alkyl, -(CH<sub>2</sub>)<sub>e</sub>OH, -(CH<sub>2</sub>)<sub>e</sub>O(CH<sub>2</sub>)<sub>e</sub>OH,  
-(CH<sub>2</sub>)<sub>e</sub>OC<sub>1-6</sub> alkyl, -O(CH<sub>2</sub>)<sub>e</sub>Ar<sup>1</sup>, -(CH<sub>2</sub>)<sub>e</sub>SO<sub>2</sub>Ar<sup>1</sup>, piperidin-1-yl, -(CH<sub>2</sub>)<sub>e</sub>CONR<sup>8</sup>R<sup>9</sup>,  
-NR<sup>10</sup>(CO)<sub>n</sub>(CH<sub>2</sub>)<sub>e</sub>Ar<sup>1</sup>, -NR<sup>10</sup>(CO)<sub>n</sub>C<sub>1-3</sub>alkylC<sub>3-6</sub> cycloalkyl, -NR<sup>10</sup>(CO)<sub>n</sub>C<sub>1-6</sub> alkylidC<sub>3-6</sub> cycloalkyl,  
-CONR<sup>10</sup>(CH<sub>2</sub>)<sub>e</sub>Ar<sup>1</sup>, halogen, -NHSO<sub>2</sub>C<sub>1-6</sub>alkyl, -SO<sub>2</sub>NR<sup>10</sup>R<sup>11</sup>, -SO<sub>2</sub>C<sub>1-6</sub> alkyl or -SO<sub>2</sub>Ar<sup>2</sup> groups;

10 R<sup>3</sup> represents -C<sub>1-6</sub>alkylNHC(=NH)NH<sub>2</sub>, -C<sub>2-6</sub>alkenylNHC(=NH)NH<sub>2</sub>,  
-C<sub>2-6</sub>alkynylNHC(=NH)NH<sub>2</sub>, -C<sub>1-6</sub>alkylNR<sup>14</sup>R<sup>18</sup>, -(CH<sub>2</sub>)<sub>n</sub>CONR<sup>14</sup>R<sup>18</sup>, -(CH<sub>2</sub>)<sub>n</sub>COC<sub>1-6</sub>alkyl,  
-(CH<sub>2</sub>)<sub>d</sub>CHNR<sup>18</sup>CONR<sup>20</sup>R<sup>21</sup>, -(CH<sub>2</sub>)<sub>m</sub>NR<sup>18</sup>CONR<sup>14</sup>R<sup>18</sup>, -(CH<sub>2</sub>)<sub>d</sub>NR<sup>18</sup>Ar<sup>3</sup>, -(CH<sub>2</sub>)<sub>d</sub>CONR<sup>18</sup>Ar<sup>3</sup>,  
-(CH<sub>2</sub>)<sub>d</sub>COOR<sup>18</sup>, -(CH<sub>2</sub>)<sub>d</sub>Ar<sup>3</sup>, -O(CH<sub>2</sub>)<sub>d</sub>Ar<sup>3</sup>, -(CH<sub>2</sub>)<sub>d</sub>CO(CH<sub>2</sub>)<sub>s</sub>Ar<sup>3</sup> or -(CH<sub>2</sub>)<sub>d</sub>OAr<sup>3</sup>;  
or R<sup>3</sup> represents -(CH<sub>2</sub>)<sub>c</sub>2,4-imidazolidinedione, -(CH<sub>2</sub>)<sub>c</sub>(piperidin-4-yl), -(CH<sub>2</sub>)<sub>c</sub>(piperidin-3-  
yli), -(CH<sub>2</sub>)<sub>c</sub>(piperidin-2-yl), -(CH<sub>2</sub>)<sub>c</sub>(morpholin-3-yl) or -(CH<sub>2</sub>)<sub>c</sub>(morpholin-2-yl) optionally  
20 substituted on nitrogen by -(CO)<sub>n</sub>C<sub>1-6</sub> alkyl, -(CO)<sub>n</sub>(CH<sub>2</sub>)<sub>c</sub>Ar<sup>2</sup> or -C(=NH)NH<sub>2</sub>;

or R<sup>3</sup> represents -(CH<sub>2</sub>)<sub>c</sub>dibenzofuran optionally substituted by -C<sub>1-6</sub>alkyl or halogen;  
or R<sup>3</sup> represents -(CH<sub>2</sub>)<sub>c</sub>thioxanthen-9-one;

25 R<sup>4</sup> represents hydrogen, -C<sub>1-6</sub> alkyl, -C<sub>1-3</sub> alkylC<sub>3-6</sub> cycloalkyl, -(CH<sub>2</sub>)<sub>q</sub>Ar<sup>2</sup>, -C<sub>1-4</sub>alkyl-X-R<sup>7</sup>,  
-C<sub>1-4</sub>alkyl SO<sub>2</sub>C<sub>1-4</sub> alkyl, -C<sub>1-6</sub>alkylNR<sup>12</sup>R<sup>13</sup> or -C<sub>1-6</sub> alkylNR<sup>12</sup>COC<sub>1-6</sub> alkyl;

R<sup>5</sup> represents hydrogen, or R<sup>4</sup>R<sup>5</sup> together with the carbon to which they are attached form a  
C<sub>5-7</sub> cycloalkyl ring;

R<sup>6</sup> represents hydrogen or -C<sub>1-6</sub>alkyl, or R<sup>6</sup> and R<sup>4</sup> together with the N and C atoms to which  
they are respectively attached form a pyrrolidine ring;

30 R<sup>7</sup> represents hydrogen, -(CH<sub>2</sub>)<sub>w</sub>NR<sup>12</sup>R<sup>13</sup>, -(CH<sub>2</sub>)<sub>u</sub>Ar<sup>2</sup> or -(CH<sub>2</sub>)<sub>w</sub>NR<sup>12</sup>COC<sub>1-6</sub> alkyl;

R<sup>8</sup>, R<sup>9</sup>, R<sup>16</sup> and R<sup>17</sup> independently represent hydrogen, -C<sub>1-6</sub>alkyl, -C<sub>3-6</sub>cycloalkyl, -C<sub>1-3</sub>alkylC<sub>3-6</sub>cycloalkyl, -C<sub>2-6</sub>alkenyl or NR<sup>8</sup>R<sup>9</sup> or NR<sup>16</sup>R<sup>17</sup> together represents morpholinyl, pyrrolidinyl, piperidinyl, piperazinyl or piperazinyl N-substituted by -C<sub>1-6</sub>alkyl, -COphenyl or -SO<sub>2</sub>methyl;

5 R<sup>10</sup>, R<sup>11</sup>, R<sup>12</sup>, R<sup>13</sup>, R<sup>15</sup>, R<sup>18</sup>, R<sup>20</sup> and R<sup>21</sup> independently represent hydrogen or -C<sub>1-6</sub>alkyl; R<sup>14</sup>, R<sup>19</sup> and R<sup>22</sup> independently represent hydrogen, -C<sub>1-6</sub>alkyl, -C<sub>3-6</sub>cycloalkyl or -(CH<sub>2</sub>)<sub>x</sub>Ar<sup>4</sup> or NR<sup>14</sup>R<sup>18</sup> or NR<sup>15</sup>R<sup>22</sup> together represents morpholinyl, pyrrolidinyl, piperidinyl, piperazinyl or N-C<sub>1-6</sub>alkylpiperazinyl;

10 Ar<sup>1</sup> represents phenyl or a 5 or 6 membered heterocyclic aromatic ring containing 1 to 3 heteroatoms selected from O, N and S optionally substituted by one or more halogen,

C<sub>1-6</sub>alkyl, hydroxy, -OC<sub>1-6</sub>alkyl, CF<sub>3</sub>, nitro, -Ar<sup>2</sup> or -OAr<sup>2</sup> groups;

15 Ar<sup>2</sup> represents phenyl optionally substituted by one or more halogen, -C<sub>1-6</sub>alkyl, hydroxy, -OC<sub>1-6</sub>alkyl, -CF<sub>3</sub> or nitro groups;

20 Ar<sup>3</sup> represents phenyl, a 5 or 6 membered heterocyclic aromatic ring containing 1 to 3 heteroatoms selected from O, N or S, or such a group fused to a benzene ring, optionally substituted by one or more -CO(CH<sub>2</sub>)<sub>g</sub>Ar<sup>4</sup>, -(CH<sub>2</sub>)<sub>y</sub>Ar<sup>4</sup>, -(CH<sub>2</sub>)<sub>y</sub>COAr<sup>4</sup>, -(CO)<sub>a</sub>C<sub>1-6</sub>alkyl, -(CO)<sub>a</sub>C<sub>2-6</sub>alkenyl, -(CO)<sub>a</sub>C<sub>2-6</sub>alkynyl, -(CO)<sub>a</sub>C<sub>3-8</sub>cycloalkyl, -(CO)<sub>a</sub>C<sub>1-6</sub>haloalkyl, halogen, -COCH<sub>2</sub>CN, -(CH<sub>2</sub>)<sub>b</sub>NR<sup>16</sup>R<sup>17</sup>, -(CH<sub>2</sub>)<sub>b</sub>NHC(=NH)NH<sub>2</sub>, -CYNR<sup>16</sup>(CO)<sub>a</sub>R<sup>17</sup>, -(CH<sub>2</sub>)<sub>b</sub>NR<sup>15</sup>COR<sup>19</sup>, -(CH<sub>2</sub>)<sub>b</sub>CONR<sup>15</sup>R<sup>22</sup>, -(CH<sub>2</sub>)<sub>b</sub>NR<sup>15</sup>CONR<sup>15</sup>R<sup>22</sup>, -(CH<sub>2</sub>)<sub>b</sub>CONR<sup>15</sup>(CH<sub>2</sub>)<sub>j</sub>NR<sup>15</sup>R<sup>22</sup>, -(CH<sub>2</sub>)<sub>b</sub>SO<sub>2</sub>NR<sup>15</sup>R<sup>22</sup>, -(CH<sub>2</sub>)<sub>b</sub>SO<sub>2</sub>NR<sup>15</sup>COAr<sup>2</sup>, -(CH<sub>2</sub>)<sub>b</sub>NR<sup>15</sup>SO<sub>2</sub>R<sup>19</sup>, -SO<sub>2</sub>R<sup>19</sup>, -SOR<sup>19</sup>, -(CH<sub>2</sub>)<sub>z</sub>OH, -COOR<sup>15</sup>, -CHO, -OC<sub>1-10</sub>alkyl, -O(CH<sub>2</sub>)<sub>j</sub>NR<sup>15</sup>R<sup>22</sup>, -O(CH<sub>2</sub>)<sub>j</sub>NHC(=NH)NH<sub>2</sub>, -O(CH<sub>2</sub>)<sub>j</sub>CONR<sup>16</sup>R<sup>17</sup>, -O(CH<sub>2</sub>)<sub>k</sub>COOR<sup>15</sup>, -O(CH<sub>2</sub>)<sub>j</sub>OAr<sup>2</sup>, -O(CH<sub>2</sub>)<sub>b</sub>Ar<sup>2</sup>, 3-phenyl-2-pyrazolin-5-one or 4,5-dihydro-3(2H)-pyridazinone groups;

25 Ar<sup>4</sup> represents phenyl or a 5 or 6 membered heterocyclic aromatic ring containing 1 to 3 heteroatoms selected from O, N and S optionally substituted by one or more halogen,

-C<sub>1-6</sub>alkyl, hydroxy, -OC<sub>1-6</sub>alkyl, -CF<sub>3</sub>, nitro or -CONH<sub>2</sub> groups;

X and Y independently represent O or S;

a, f, k, s and n independently represent 0 or 1;

b, c, r, x, y and z independently represent an integer 0 to 2;

30 d, g and u independently represent 1 or 2;

e, h, q and w independently represent an integer 1 to 3;

j and p independently represent an integer 2 to 4;

m independently represents an integer 0 to 4;

t independently represents an integer 0 to 3;

35 and salts and solvates thereof.

2. A compound according to claim 1 wherein R<sup>4</sup> represents -C<sub>1-6</sub> alkyl, R<sup>5</sup> represents hydrogen or R<sup>4</sup>R<sup>5</sup>, together with the carbon to which they are attached, forms a cyclohexyl ring, and R<sup>6</sup> represents hydrogen or methyl.

3. A compound according to claim 2 wherein R<sup>4</sup> represents -C<sub>1-6</sub> alkyl and R<sup>5</sup> and R<sup>6</sup> represent hydrogen.

5 4. A compound according to claim 3 wherein R<sup>4</sup> represents -CH<sub>2</sub>CHMe<sub>2</sub> and R<sup>5</sup> and R<sup>6</sup> represent hydrogen.

5 5. A compound according to any one of claims 1 to 4 wherein NR<sup>1</sup>R<sup>2</sup> together represents piperidinyl, piperazinyl, thiomorpholinyl, morpholinyl or 1,2,3,4-  
10 tetrahydroisoquinoline optionally substituted by a -(CO)<sub>n</sub>(CH<sub>2</sub>)<sub>p</sub>Ar<sup>1</sup>, -(CO)<sub>n</sub>C<sub>1-6</sub>alkyl, -(CH<sub>2</sub>)<sub>p</sub>CONR<sup>8</sup>R<sup>9</sup>, -NR<sup>10</sup>(CO)<sub>n</sub>(CH<sub>2</sub>)<sub>p</sub>Ar<sup>1</sup>, -NR<sup>10</sup>(CO)<sub>n</sub>C<sub>1-3</sub>alkylC<sub>3-6</sub> cycloalkyl, -NR<sup>10</sup>(CO)<sub>n</sub>C<sub>1-6</sub>alkyldiC<sub>3-6</sub> cycloalkyl, -(CH<sub>2</sub>)<sub>p</sub>OC<sub>1-6</sub> alkyl, -(CH<sub>2</sub>)<sub>p</sub>O(CH<sub>2</sub>)<sub>p</sub>OH, piperidin-1-yl, -(CH<sub>2</sub>)<sub>p</sub>OH or -CONR<sup>10</sup>(CH<sub>2</sub>)<sub>p</sub>Ar<sup>1</sup> group.

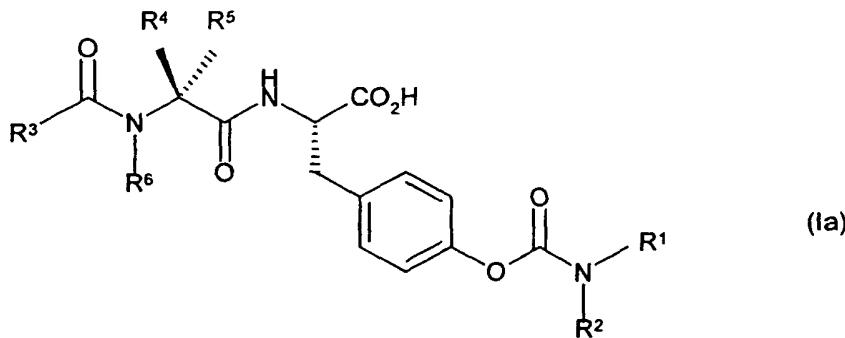
15 6. A compound according to claim 5 wherein NR<sup>1</sup>R<sup>2</sup> together represents morpholinyl or piperazinyl optionally N-substituted by -(CO)<sub>n</sub>C<sub>1-6</sub> alkyl, piperazinyl N-substituted by -(CO)<sub>n</sub>(CH<sub>2</sub>)<sub>p</sub>Ar<sup>1</sup>, piperidinyl substituted by -NR<sup>10</sup>(CO)<sub>n</sub>(CH<sub>2</sub>)<sub>p</sub>Ar<sup>1</sup> or piperidinyl substituted by -(CH<sub>2</sub>)<sub>p</sub>CONR<sup>8</sup>R<sup>9</sup>.

20 7. A compound according to any one of claims 1 to 6 wherein R<sup>3</sup> represents -(CH<sub>2</sub>)<sub>c</sub>2,4-imidazolidinedione-3-yl, -(CH<sub>2</sub>)<sub>c</sub>thioxanthen-9-one-3-yl, -(CH<sub>2</sub>)<sub>c</sub>Ar<sup>3</sup>, -O(CH<sub>2</sub>)<sub>c</sub>Ar<sup>3</sup>, -(CH<sub>2</sub>)<sub>d</sub>OAr<sup>3</sup> or -(CH<sub>2</sub>)<sub>d</sub>dibenzofuran.

8. A compound according to claim 7 wherein R<sup>3</sup> represents -OCH<sub>2</sub>Ar<sup>3</sup>, -CH<sub>2</sub>OAr<sup>3</sup> or dibenzofuran.

9. A compound according to claim 8 wherein R<sup>3</sup> represents -CH<sub>2</sub>OAr<sup>3</sup>.

10. A compound according to any one of claims 1 to 9 wherein R<sup>4</sup> and R<sup>5</sup> have the  
25 stereochemical orientation shown in formula (Ia):



11. A compound of formula (I) which is:

(2S)-2-[(2S)-2-[(2-(2-Benzoylphenoxy)acetyl)amino]-4-methyl pentanoyl)amino]-3-{4-[(4-(2-phenylacetyl)amino]-1-piperidinyl)carbonyl]oxy]phenyl}propanoic acid;

(2S)-2-[(2S)-4-Methyl-2-[(2-[(3-(1-piperidinyl)carbonyl)-2-naphthyl]oxy)acetyl)amino]-3-{4-[(4-(2-phenylacetyl)amino]-1-piperidinyl)carbonyl]oxy]phenyl}propanoic acid;

(2S)-3-{4-[(4-[(2,2-Dicyclohexylacetyl)amino]-1-piperidinyl)carbonyl]oxy]phenyl}-2-[(2S)-4-methyl-2-[(2-[4-(1-piperidinyl)carbonyl]phenoxy)acetyl]amino]pentanoyl)amino}propanoic acid;

(2S)-2-[(2S)-4-Methyl-2-[(2-[4-(1-piperidinyl)carbonyl]phenoxy)acetyl]amino)-3-{4-[(4-morpholinylcarbonyl)oxy]phenyl}propanoic acid;

(2S)-3-[4-[(4-(Aminocarbonyl)-1-piperidinyl)carbonyl]oxy]phenyl]-2-[(2S)-4-methyl-2-[(2-[4-(1-piperidinyl)carbonyl]phenoxy)acetyl]amino]pentanoyl)amino}propanoic acid;

(2S)-3-{4-[(4-[(2-Cyclohexylacetyl)amino]-1-piperidinyl)carbonyl]oxy]phenyl}-2-[(2S)-2-[(2-(2-iodophenoxy)acetyl)amino]-4-methylpentanoyl)amino]propanoic acid;

(2S)-3-{4-[(4-[(2,2-Dicyclohexylacetyl)amino]-1-piperidinyl)carbonyl]oxy]phenyl}-2-[(2S)-2-[(2-(2-iodophenoxy)acetyl)amino]-4-methylpentanoyl)amino]propanoic acid;

(2S)-2-[(2S)-2-[(Dibenzo[b,d]furan-4-yl)carbonyl)amino]-4-methyl pentanoyl)amino]-3-{4-[(4-morpholinylcarbonyl)oxy]phenyl}propanoic acid;

(2S)-2-[(2S)-2-[(Dibenzo[b,d]furan-4-yl)carbonyl)amino]-4-methyl pentanoyl)amino]-3-{4-[(4-(2-phenylacetyl)amino]-1-piperidinyl)carbonyl]oxy]phenyl}propanoic acid;

(2S)-2-[(2S)-2-[(2-(2-iodophenoxy)acetyl)amino]-4-methyl pentanoyl)amino]-3-{4-[(4-(2-phenylacetyl)amino]-1-piperidinyl)carbonyl]oxy]phenyl}propanoic acid;

(2S)-3-(4-[(4-Acetyl-1-piperazinyl)carbonyl]oxy)phenyl]-2-[(2S)-2-[(2-(2-iodophenoxy)acetyl)amino]-4-methylpentanoyl)amino]propanoic acid;

(2S)-3-(4-[(4-Benzoyl-1-piperazinyl)carbonyl]oxy)phenyl]-2-[(2S)-2-[(2-(2-iodophenoxy)acetyl)amino]-4-methylpentanoyl)amino]propanoic acid;

(2S)-3-(4-[(4-Benzoyl-1-piperazinyl)carbonyl]oxy)phenyl]-2-[(2S)-2-[(2-(2,4-dichlorophenoxy)acetyl)amino]-4-methylpentanoyl)amino]propanoic acid;

(2S)-3-{4-[(4-(Aminocarbonyl)-1-piperidinyl)carbonyl]oxy}phenyl]-2-[(2S)-2-[(2-(2-iodophenoxy)acetyl)amino]-4-methylpentanoyl)amino]propanoic acid;

(2S)-2-[(2S)-2-[(2-(2-Tert-butyl)phenoxy)acetyl)amino]-4-methyl pentanoyl)amino]-3-{4-[(4-(1-piperidinyl)carbonyl)-1-piperidinyl]carbonyl]oxy}phenyl]propanoic acid;

(2S)-2-[(2S)-4-Methyl-2-[(2-(2-methylphenoxy)acetyl)amino]pentanoyl)amino]-3-{4-[(4-(1-piperidinyl)carbonyl)-1-piperidinyl]carbonyl]oxy}phenyl]propanoic acid;

(2S)-2-{{(2S)-2-[(Dibenzo[b,d]furan-4-ylcarbonyl)amino]-4-methyl pentanoyl]amino}-3-[4-((4-1-piperidinylcarbonyl)-1-piperidinyl]carbonyl]oxy) phenyl]propanoic acid;

(2S)-2-{{(2S)-2-{{2-[(1-Bromo-2-naphthyl)oxy]acetyl}amino}-4-methylpentanoyl]amino}-3-[4-((4-(1-piperidinylcarbonyl)-1-piperidinyl]carbonyl) oxy)phenyl]propanoic acid;

5 (2S)-2-{{(2S)-2-{{2-[2-(Tert-butyl)phenoxy]acetyl}amino}-4-methyl pentanoyl]amino}-3-[4-((4-(4-fluorobenzyl)amino]carbonyl)-1-piperidinyl) carbonyl]oxy}phenyl]propanoic acid;

(2S)-2-{{(2S)-2-{{2-(2,4-Dichlorophenoxy)acetyl}amino}-4-methyl pentanoyl]amino}-3-[4-((4-morpholinylcarbonyl)oxy)phenyl]propanoic acid;

10 (2S)-2-{{(2S)-2-{{2-(2-Benzoylphenoxy)acetyl}amino}-4-methyl pentanoyl]amino}-3-[4-((4-morpholinylcarbonyl)oxy)phenyl]propanoic acid;

(2S)-2-{{(2S)-4-Methyl-2-{{2-(2-propylphenoxy)acetyl}amino}-4-methylpentanoyl]amino}-3-[4-((4-morpholinylcarbonyl)oxy)phenyl]propanoic acid;

(2S)-2-{{(2S)-2-{{2-[(1-Bromo-2-naphthyl)oxy]acetyl}amino}-4-methylpentanoyl]amino}-3-[4-((4-morpholinylcarbonyl)oxy)phenyl]propanoic acid;

15 (2S)-2-{{(2S)-2-{{(Benzyl)oxy}carbonyl}amino}-4-methylpentanoyl]amino}-3-[4-((4-morpholinylcarbonyl)oxy)phenyl]propanoic acid;

(2S)-3-[4-{{4-(2-Furoyl)-1-piperazinyl]carbonyl}oxy}phenyl]-2-{{(2S)-2-{{2-(2-iodophenoxy)acetyl}amino}-4-methylpentanoyl]amino}-3-[4-((4-

20 (2-furoyl)-1-piperazinyl]carbonyl}oxy}phenyl] propanoic acid;

(2S)-2-{{(2S)-2-{{2-[(1-Bromo-2-naphthyl)oxy]acetyl}amino}-4-methylpentanoyl]amino}-3-[4-((4-(2-furoyl)-1-piperazinyl]carbonyl)oxy)phenyl] propanoic acid;

(2S)-3-(4-{{(4-{{2-(4-Chlorophenyl)acetyl}amino}-1-piperidinyl) carbonyl}oxy}phenyl)-2-{{(2S)-2-{{2-(2-cyclohexylphenoxy)acetyl}amino}-4-methylpentanoyl]amino}-3-[4-

25 (2S)-2-{{(2S)-2-{{2-(2-Benzoylphenoxy)acetyl}amino}-4-methyl pentanoyl]amino}-3-[4-((4-{{2-(4-chlorophenyl)acetyl}amino}-1-piperidinyl) carbonyl]oxy}phenyl]propanoic acid;

(2S)-3-(4-{{(4-{{2-(4-Chlorophenyl)acetyl}amino}-1-piperidinyl) carbonyl}oxy}phenyl)-2-{{(2S)-2-{{2-(2-iodophenoxy)acetyl}amino}-4-methyl pentanoyl]amino}-3-[4-((4-

30 (2S)-2-{{(2S)-2-{{2-[2-(Tert-butyl)phenoxy]acetyl}amino}-4-methyl pentanoyl]amino}-3-[4-((4-{{2-(4-chlorophenyl)acetyl}amino}-1-piperidinyl) carbonyl]oxy}phenyl]propanoic acid;

(2S)-3-(4-{{(4-{{2-(4-Chlorophenyl)acetyl}amino}-1-piperidinyl) carbonyl}oxy}phenyl)-2-{{(2S)-2-{{(dibenzo[b,d]furan-4-ylcarbonyl)amino}-4-methylpentanoyl]amino}-3-[4-((4-

35 (2S)-3-(4-{{(4-{{2-(4-Chlorophenyl)acetyl}amino}-1-piperidinyl) carbonyl}oxy}phenyl)-2-{{(2S)-4-methyl-2-{{(2-{{3-(1-piperidinyl)carbonyl}-2-

naphthyl]oxy}acetyl}amino}-4-methylpentanoyl]amino}-3-[4-((4-

(2S)-2-[(2S)-2-({2-[2-(Tert-butyl)phenoxy]acetyl}amino)-4-methyl pentanoyl]amino]-3-{4-[(4-(2-cyclohexylacetyl)amino)-1-piperidinyl]carbonyl} oxy]phenyl}propanoic acid;

(2S)-2-[(2S)-2-({2-[2-(Tert-butyl)phenoxy]acetyl}amino)-4-methyl pentanoyl]amino]-3-{4-[(4-(2,2-dicyclohexylacetyl)amino)-1-piperidinyl] carbonyl)oxy]phenyl}propanoic acid;

5 (2S)-2-[(2S)-4-Methyl-2-[(2-(2-methylphenoxy)acetyl]amino] pentanoyl]amino]-3-{4-[(4-(2-phenylacetyl)amino)-1-piperidinyl]carbonyl) oxy]phenyl}propanoic acid;

(2S)-2-[(2S)-2-[(2-(2-Cyclohexylphenoxy)acetyl]amino)-4-methyl pentanoyl]amino]-3-{4-[(4-(2-phenylacetyl)amino)-1-piperidinyl]carbonyl) oxy]phenyl}propanoic acid;

(2S)-3-{4-[(4-(2-Cyclohexylacetyl)amino)-1-piperidinyl]carbonyl) oxy]phenyl}-2-[(2S)-2-[(2-10 cyclohexylphenoxy)acetyl]amino)-4-methyl pentanoyl]amino]propanoic acid;  
and salts and solvates thereof.

12. A compound of formula (I) which is:

(2S)-2-[(2S)-2-[(2-(2-Iodophenoxy)acetyl]amino)-4-methyl pentanoyl]amino]-3-{4-[(4-morpholinylcarbonyl)oxy]phenyl}propanoic acid;

(2S)-2-[(2S)-2-({2-[2-(Tert-butyl)phenoxy]acetyl}amino)-4-methyl pentanoyl]amino]-3-{4-[(4-morpholinylcarbonyl)oxy]phenyl}propanoic acid;

(2S)-3-(4-[(4-Acetyl-1-piperazinyl)carbonyl]oxy)phenyl)-2-[(2S)-2-({2-[2-(tert-butyl)phenoxy]acetyl}amino)-4-methylpentanoyl]amino]propanoic acid;

(2S)-2-[(2S)-2-[(2-(2-Cyclohexylphenoxy)acetyl]amino)-4-methyl pentanoyl]amino]-3-{4-[(4-morpholinylcarbonyl)oxy]phenyl}propanoic acid;

(2S)-2-[(2S)-2-({2-[2-(Tert-butyl)phenoxy]acetyl}amino)-4-methyl pentanoyl]amino]-3-{4-[(4-(2-phenylacetyl)amino)-1-piperidinyl]carbonyl) oxy] phenyl}propanoic acid;

(2S)-3-(4-[(4-Benzoyl-1-piperazinyl)carbonyl]oxy)phenyl)-2-[(2S)-2-({2-[2-(tert-butyl)phenoxy]acetyl}amino)-4-methylpentanoyl]amino]propanoic acid;

25 (2S)-3-(4-[(4-Acetyl-1-piperazinyl)carbonyl]oxy)phenyl)-2-((2S)-2-[(dibenzo[b,d]furan-4-ylcarbonyl)amino]-4-methylpentanoyl]amino)propanoic acid;

(2S)-2-[(2S)-2-({2-[2-(Tert-butyl)phenoxy]acetyl}amino)-4-methyl pentanoyl]amino]-3-{4-[(4-(2-furoyl)-1-piperazinyl)carbonyl]oxy)phenyl] propanoic acid;

30 (2S)-2-((2S)-2-[(Dibenzo[b,d]furan-4-ylcarbonyl)amino]-4-methyl pentanoyl]amino)-3-{4-[(4-(2-furoyl)-1-piperazinyl)carbonyl]oxy)phenyl] propanoic acid;

(2S)-3-(4-[(4-Benzoyl-1-piperazinyl)carbonyl]oxy)phenyl)-2-((2S)-4-methyl-2-[(2-(2-methylphenoxy)acetyl]amino]pentanoyl)amino]propanoic acid;

(2S)-3-(4-[(4-Benzoyl-1-piperazinyl)carbonyl]oxy)phenyl)-2-((2S)-2-[(dibenzo[b,d]furan-4-ylcarbonyl)amino]-4-methylpentanoyl]amino)propanoic acid;

35 and salts and solvates thereof.

13. A compound of formula (I) which is:

(2S)-3-(4-{[(4-Acetyl-1-piperazinyl)carbonyl]oxy}phenyl)-2-[(2S)-4-methyl-2-[(2-methylphenoxy)acetyl]amino]pentanoyl]amino]propanoic acid;

(2S)-3-[4-({[4-(Aminocarbonyl)-1-piperidinyl]carbonyl}oxy)phenyl]-2-[(2S)-2-

5 [(dibenzo[b,d]furan-4-ylcarbonyl)amino]-4-methylpentanoyl]amino] propanoic acid;

(2S)-3-[4-({[4-(Aminocarbonyl)-1-piperidinyl]carbonyl}oxy)phenyl]-2-[(2S)-2-[(2-[tert-butyl)phenoxy]acetyl]amino)-4-methylpentanoyl]amino] propanoic acid;

(2S)-2-[(2S)-4-Methyl-2-[(2-(2-methylphenoxy)acetyl]amino] pentanoyl]amino]-3-{4-[(4-morpholinylcarbonyl)oxy]phenyl}propanoic acid;

10 (2S)-3-[4-({[4-(Aminocarbonyl)-1-piperidinyl]carbonyl}oxy)phenyl]-2-[(2S)-2-[(2-  
benzoylphenoxy)acetyl]amino]-4-methylpentanoyl]amino] propanoic acid;

(2S)-2-[(2S)-2-[(2-[4-(Aminocarbonyl)phenoxy]acetyl]amino)-4-methylpentanoyl]amino]-3-  
[4-({[4-(aminocarbonyl)-1-piperidinyl]carbonyl}oxy) phenyl]propanoic acid;  
and salts and solvates thereof.

15 14. A compound of formula (I) which is:

(2S)-3-[4-({[4-(Aminocarbonyl)-1-piperidinyl]carbonyl}oxy)phenyl]-2-[(2S)-4-methyl-2-[(2-methylphenoxy)acetyl]amino] propanoic acid or a salt or solvate thereof.

16. A compound of formula (I) according to claim 14 which is:

(2S)-3-[4-({[4-(Aminocarbonyl)-1-piperidinyl]carbonyl}oxy)phenyl]-2-[(2S)-4-methyl-2-[(2-methylphenoxy)acetyl]amino] propanoic acid potassium salt or a solvate thereof.

17. A pharmaceutical composition comprising a compound of formula (I) as defined in any one of claims 1 to 15 or a pharmaceutically acceptable salt or solvate thereof in admixture with one or more pharmaceutically acceptable diluents or carriers.

25 18. A pharmaceutical composition comprising a compound of formula (I) according to any one of claims 1 to 15 or a physiologically acceptable salt or solvate thereof in combination together with a long acting  $\beta_2$  adrenergic receptor agonist.

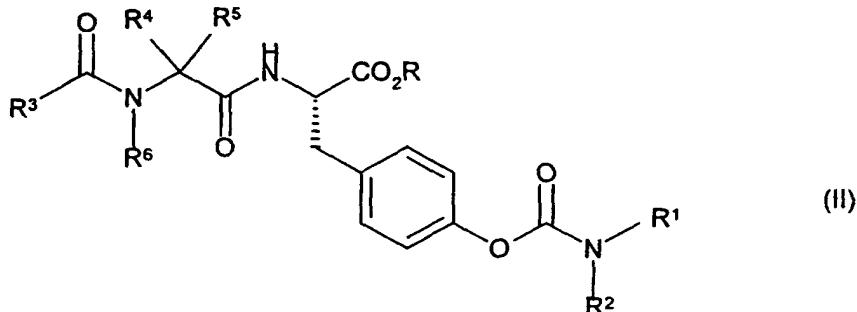
19. A compound of formula (I) as defined in any one of claims 1 to 15 or a pharmaceutically acceptable salt or solvate thereof for use as a pharmaceutical.

30 20. Use of a compound of formula (I) as defined in any one of claims 1 to 15 or a pharmaceutically acceptable salt or solvate thereof in the manufacture of a medicament for the treatment of inflammatory diseases.

35 21. A method of treatment or prophylaxis of inflammatory diseases eg. asthma which comprises administering to a patient an effective amount of a compound of formula (I) as defined in any one of claims 1 to 15 or a pharmaceutically acceptable salt or solvate thereof.

21. A process for preparation of a compound of formula (I) as defined in any one of claims 1 to 20 which comprises

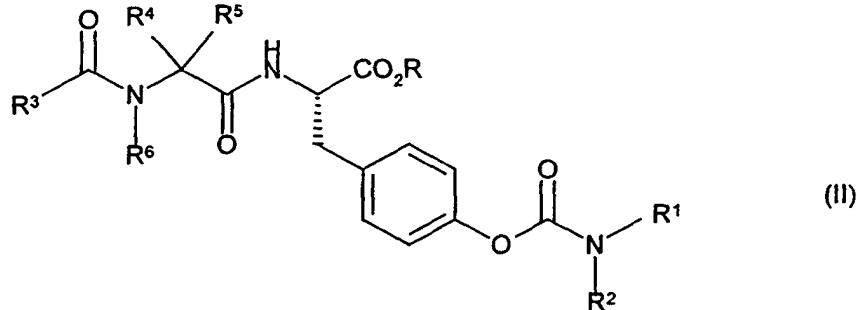
(a) hydrolysis of a carboxylic acid ester of formula (II)



5 wherein  $\text{R}^1$ ,  $\text{R}^2$ ,  $\text{R}^3$ ,  $\text{R}^4$ ,  $\text{R}^5$  and  $\text{R}^6$  are as defined in claims 1 to 10 and  $\text{R}$  is a group capable of forming a carboxylic acid ester; or

(b) deprotecting a compound of formula (I) which is protected.

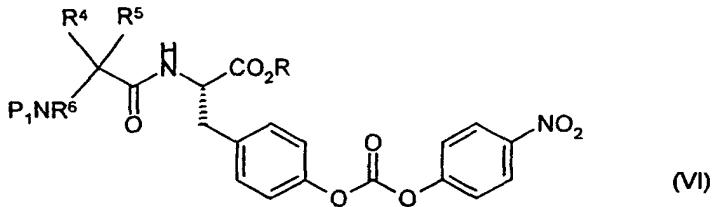
22. A compound of formula (II)



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wherein  $\text{R}^1$ ,  $\text{R}^2$ ,  $\text{R}^3$ ,  $\text{R}^4$ ,  $\text{R}^5$  and  $\text{R}^6$  are as defined in claims 1 to 10 and  $\text{R}$  is a group capable of forming a carboxylic acid ester.

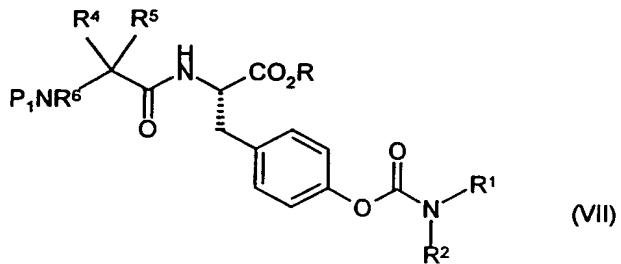
23. A compound of formula (VI)



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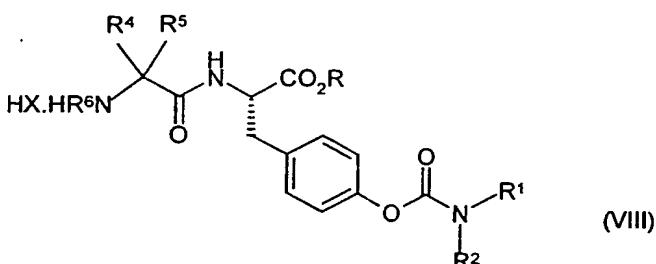
wherein  $\text{P}_1$  represents Boc,  $\text{R}^4$ ,  $\text{R}^5$  and  $\text{R}^6$  are as defined in claims 1 to 4 and 10, and  $\text{R}$  represents a group capable of forming a carboxylic acid ester.

## 24. A compound of formula (VII)



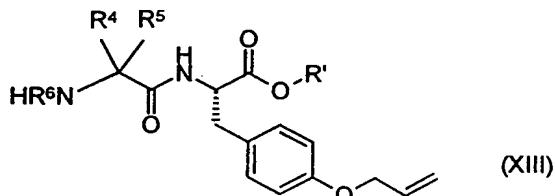
wherein  $\text{P}_1$  represents Boc,  $\text{R}^1$ ,  $\text{R}^2$ ,  $\text{R}^4$ ,  $\text{R}^5$  and  $\text{R}^6$  are as defined in claims 1 to 6 and 10, and  $\text{R}$  represents a group capable of forming a carboxylic acid ester.

## 5 25. A compound of formula (VIII)



wherein  $\text{R}^1$ ,  $\text{R}^2$ ,  $\text{R}^4$ ,  $\text{R}^5$  and  $\text{R}^6$  are as defined in claims 1 to 6 and 10,  $\text{HX}$  is a hydrohalic acid and  $\text{R}$  represents a group capable of forming a carboxylic acid ester.

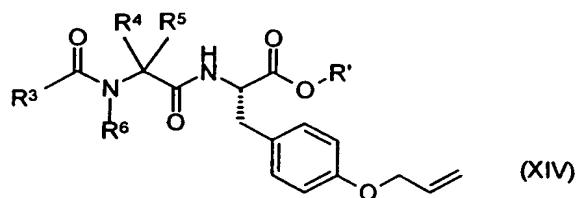
## 26. A compound of formula (XIII)



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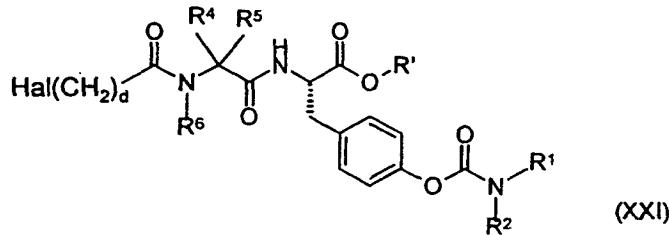
wherein  $\text{R}^4$ ,  $\text{R}^5$  and  $\text{R}^6$  are as defined in claims 1 to 4 and 10 and  $\text{R}'$  represents a hydroxy functionalised polystyrene resin.

## 27. A compound of formula (XIV)



wherein R<sup>3</sup>, R<sup>4</sup>, R<sup>5</sup> and R<sup>6</sup> are as defined in claims 1 to 4 and 7 to 10 and R' represents a hydroxy functionalised polystyrene resin.

28. A compound of formula (XXI)



5

wherein R<sup>1</sup>, R<sup>2</sup>, R<sup>4</sup>, R<sup>5</sup>, R<sup>6</sup> and d are as defined in claims 1 to 6 and 10, R' represents a hydroxy functionalised polystyrene resin and Hal represents halogen.

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